

ProRox® FSL 930^{NA}

ProRox® FSL 930^{NA} is a flexible mineral wool (stone wool) thermal insulation board for intermediate to high temperature industrial applications.



Product properties in accordance with ASTM C553

Properties	Performance							Norms
Thermal conductivity	T _m (°F)	100	200	300	400	500	600	ASTM C177
	λ (BTU.in/hr.ft².°F)	0.26	0.32	0.39	0.51	0.63	0.78	
	T _m (°C)	38	93	150	204	260	316	
	λ (W/mK)	0.037	0.046	0.056	0.074	0.091	0.112	
Maximum Service Temperature	Hot Surface Performance: 1200°F- (650°C)							ASTM C411
	Non-Combustible							ASTM E136 / CAN4 S114
	Linear Shrinkage: ≤ 1 % at 1200°F- (650°C)							ASTM C356
Reaction to fire	Surface burning characteristics Flame spread index = 0 ; Smoke development index = 0							ASTM E84 (UL 723) CAN/ULC S102
Density	Actual Density = 3.5 lb/ft³ - (56 kg/m³) Nominal Density = 4.0 lb/ft³							ASTM C167
Corrosion resistance**	Stress Corrosion Cracking Tendency of Austenitic Stainless Steel = Passed Corrosion of Steel = Passed							ASTM C692 ASTM C665
Chemical Analysis**	(Salts: Cl ⁻ , F ⁻ , Na ⁺ , SiO ₄ ⁴⁻) Results fall within acceptability limits of ASTM C795							ASTM C795 (C871)
Thermal Resistance	R-Value / inch @ 75°F RSI value / 25.4mm @ 24°C				4.0 hr. ft².°F/BTU 0.71 m² K/W			ASTM C518 (C177)
Water Absorption/ Vapor Sorption	< 1 % Weight							ASTM C1104
Compliance	Complies with Type: VII							ASTM C553
ROCKWOOL Technical Insulation offers a wide range of facings, dimensions and thicknesses. Please contact us for further information.								

** Provisions for lot testing may be required, consult manufacturer.

Surface Burning Characteristics: UL Listed to Canadian standard CAN/ULC S102 ; UL Classified to UL 723



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